

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009308.D
 Acq On : 21 Mar 2019 01:51
 Operator : SY/VA
 Sample : K1988-09
 Misc : 5.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C0

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:32 AM

Quant Time: Mar 22 09:37:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	303078	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257356	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	95560	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89797	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.16%
7) Chloroethane-d5	2.90	69	79766	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
10) 1,1-Dichloroethene-d2	4.02	63	128946	16.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.88%
20) 2-Butanone-d5	7.07	46	61788	41.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.50%
24) Chloroform-d	7.65	84	176821	21.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	8.31	65	107252	21.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.12%
29) Benzene-d6	8.27	84	325492	22.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.72%
33) 1,2-Dichloropropane-d6	9.27	67	98977	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.88%
37) Toluene-d8	10.32	98	262801	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.12%
38) trans-1,3-Dichloropropene-	10.58	79	39943	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	42908	41.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91524	21.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	77036	21.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.08%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	8995	7.323	ug/L	83
14) Carbon disulfide	4.37	76	6869	0.684	ug/L	99
16) Methylene chloride	4.92	84	6637m	1.502	ug/L	
18) trans-1,2-Dichloroethene	5.42	96	4585	1.168	ug/L	88
22) cis-1,2-Dichloroethene	7.17	96	344071	80.945	ug/L	95
35) Trichloroethene	9.09	95	30452	8.113	ug/L	97
47) Tetrachloroethene	10.86	164	4378	1.380	ug/L	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

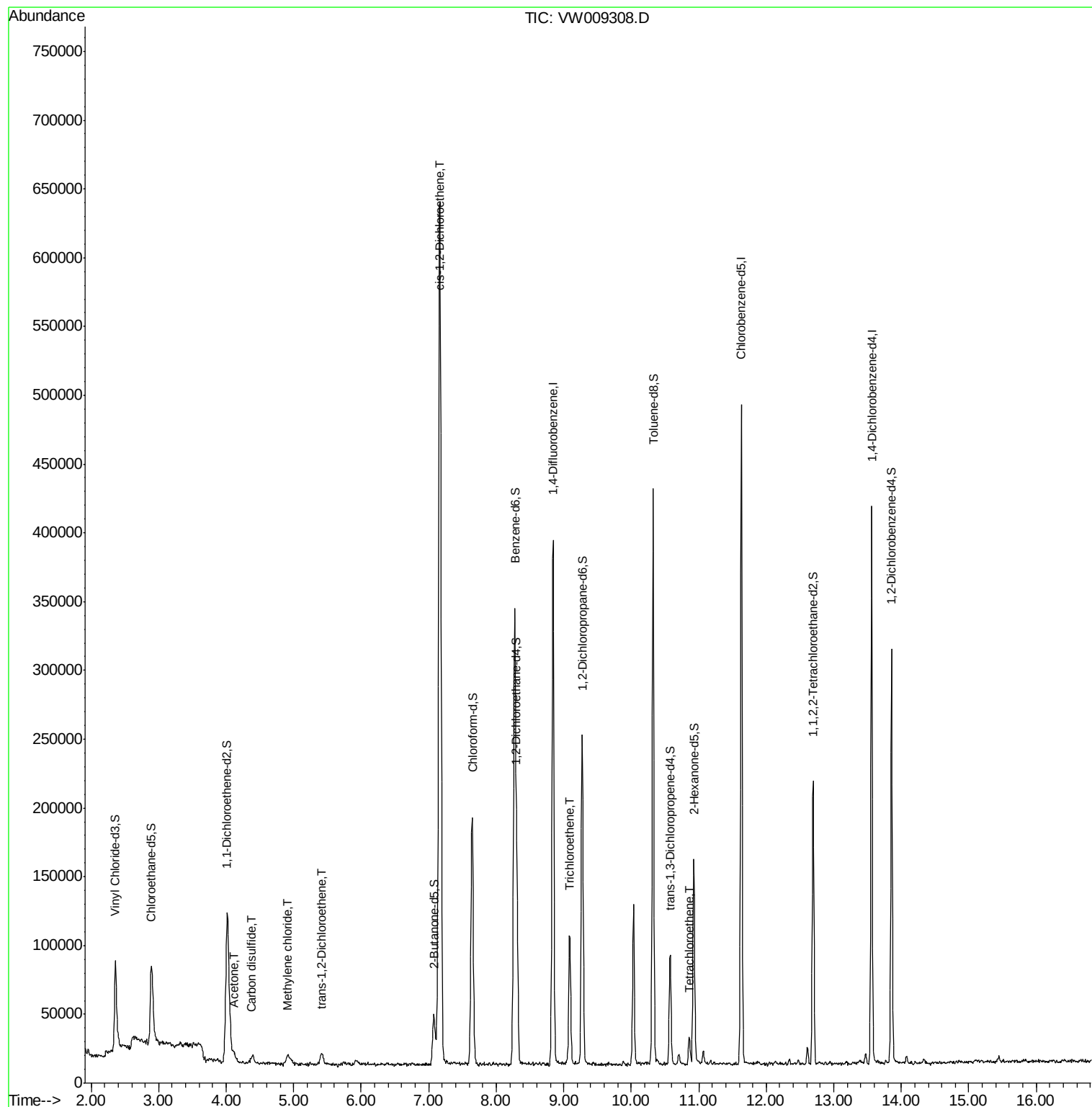
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032019\
Data File : VW009308.D
Acq On : 21 Mar 2019 01:51
Operator : SY/VA
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Misc : 5.25G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

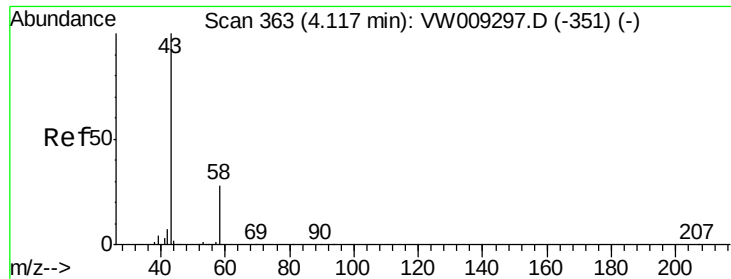
Instrument :
MSVOA_W
ClientSampleId :
BF0C0

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Quant Time: Mar 22 09:37:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.323 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009308.D

Acq: 21 Mar 2019 01:51

Instrument :

MSVOA_W

ClientSampleId :

BF0C0

Tot Ion: 43 Resp: 8995

Ion Ratio Lower Upper

43 100

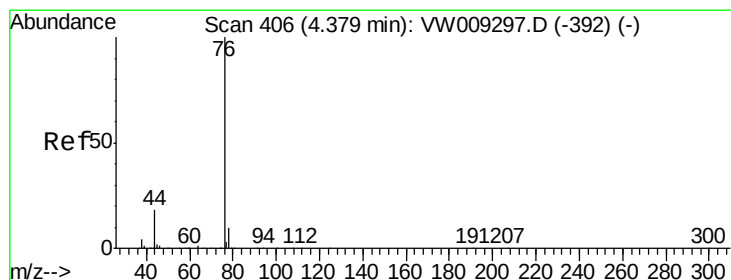
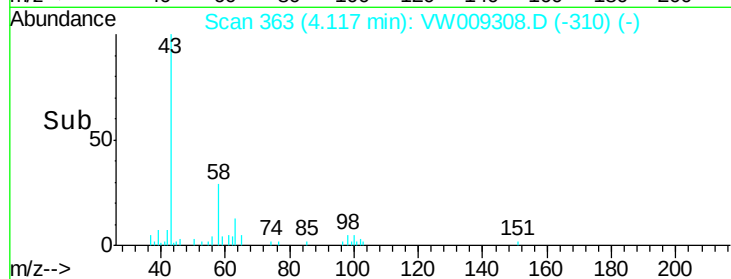
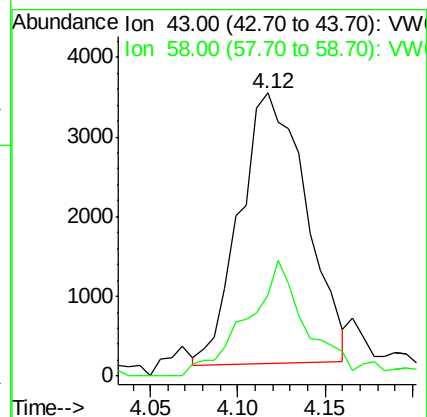
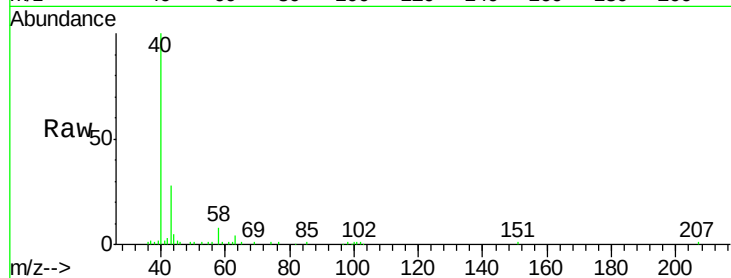
58 37.3 0.0 56.2

Manual Integrations

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#14

Carbon disulfide

Concen: 0.684 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009308.D

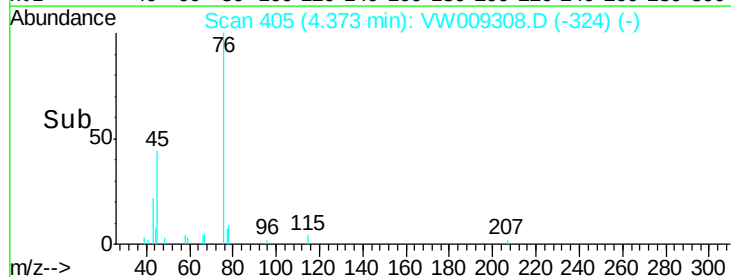
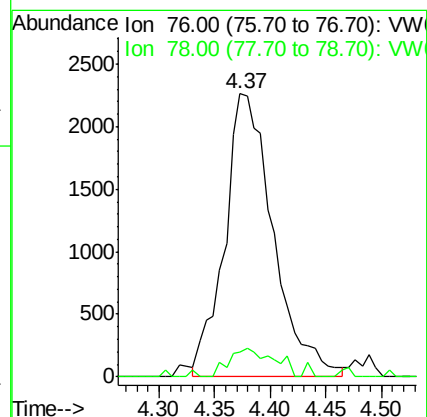
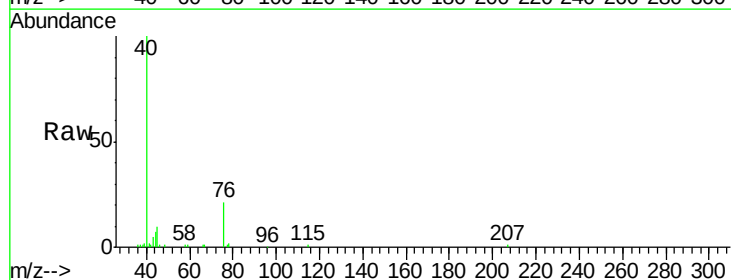
Acq: 21 Mar 2019 01:51

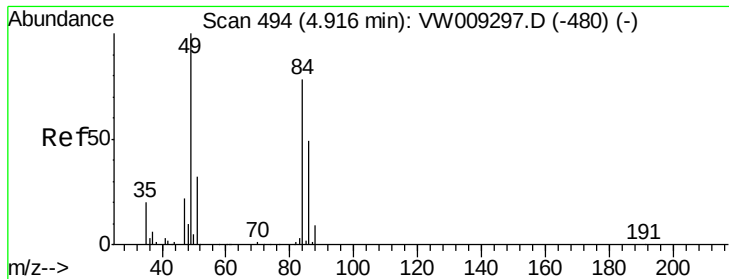
Tgt Ion: 76 Resp: 6869

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





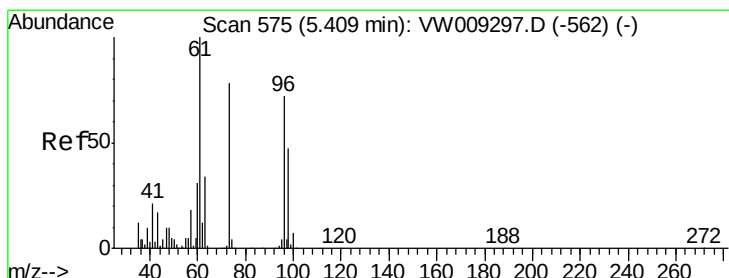
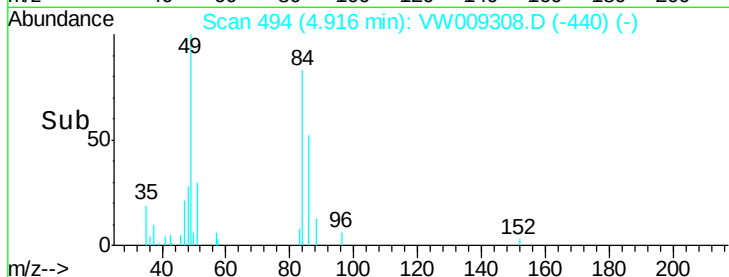
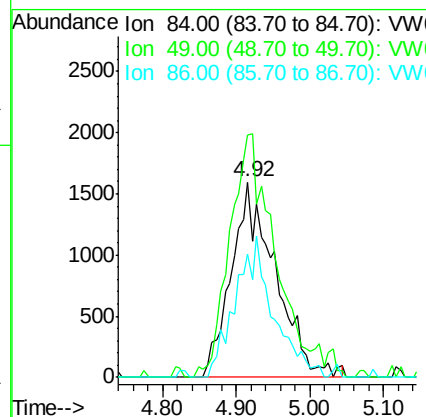
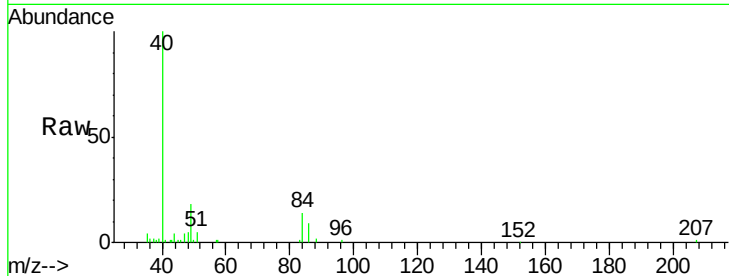
#16
Methylene chloride
Concen: 1.502 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Instrument :
MSVOA_W
ClientSampled :
BF0C0

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.4	96.0	178.2
86	63.3	44.4	82.5

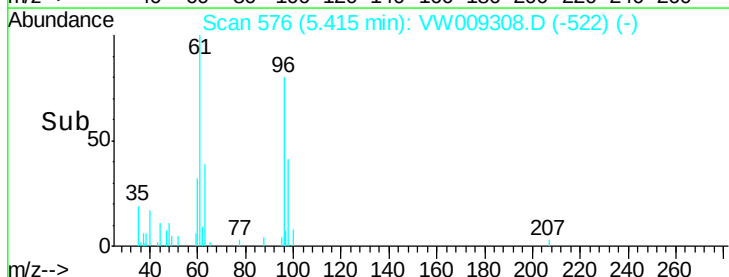
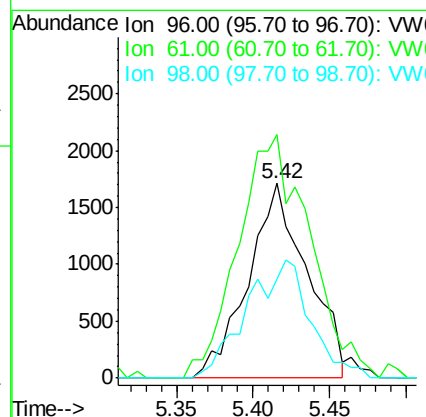
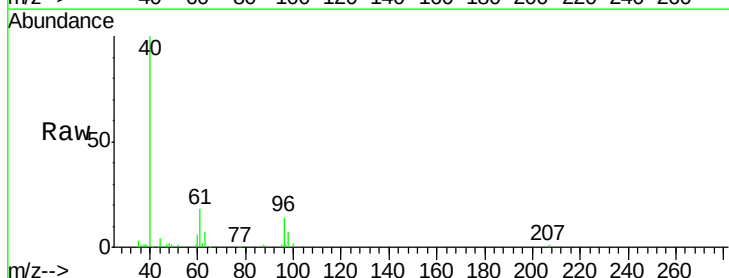
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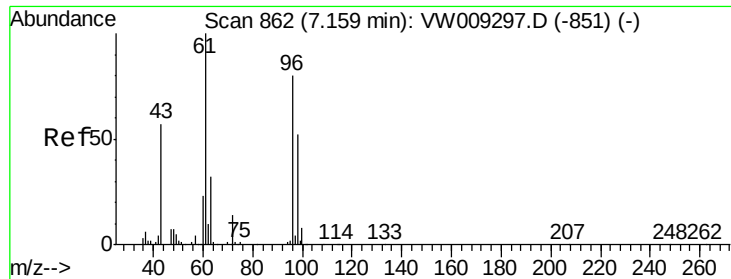
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#18
trans-1,2-Dichloroethene
Concen: 1.168 ug/L
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW009308.D
Acq: 21 Mar 2019 01:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.0	96.7	179.5
98	50.8	43.8	81.4





#22

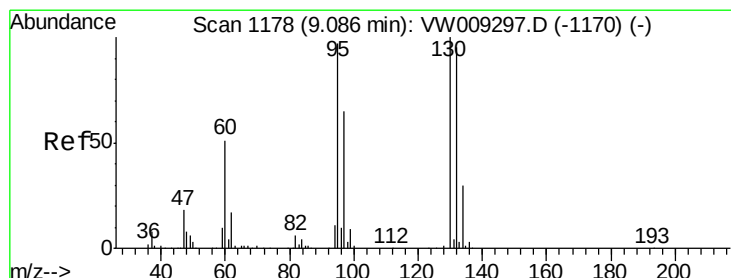
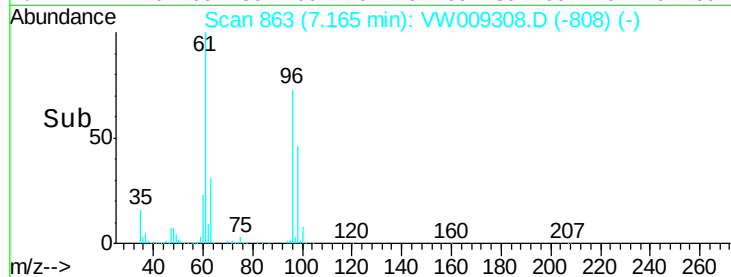
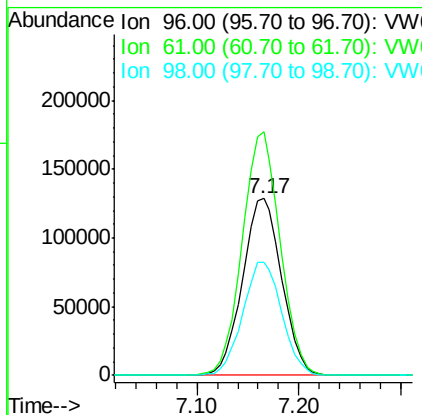
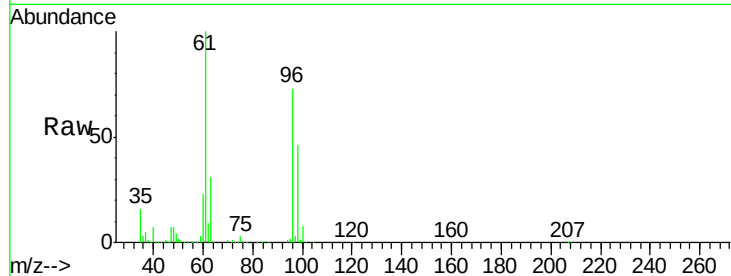
cis-1,2-Dichloroethene
 Concen: 80.945 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009308.D
 Acq: 21 Mar 2019 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C0

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.8	90.6	168.3
98	63.9	44.0	81.8

Manual Integrations
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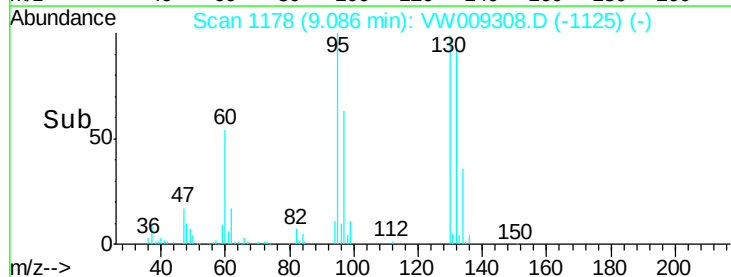
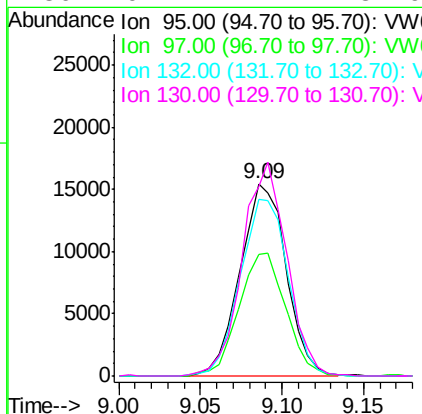
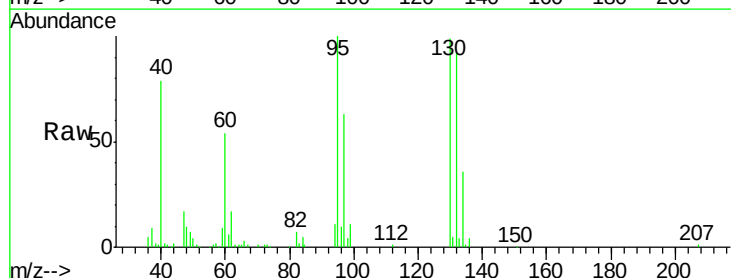
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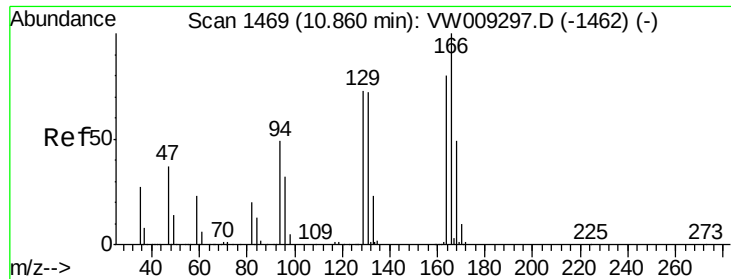


#35

Trichloroethene
 Concen: 8.113 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW009308.D
 Acq: 21 Mar 2019 01:51

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.7	82.9
132	95.7	69.0	128.2
130	107.2	72.7	134.9





#47
 Tetrachloroethene
 Concen: 1.380 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009308.D
 Acq: 21 Mar 2019 01:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C0

Tot Ion:	164	Resp:	4378
Ion	Ratio	Lower	Upper
164	100		
129	80.3	66.5	123.5
131	66.3	62.6	116.3
166	113.5	91.6	170.0

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:32 AM

